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W. Q. Reiniger (seated) is manager of the new Seattle plant of the Longview Fibre Co., while J. W. Clarke (standing) is plant superintendent and W. H. Hallmeyer (right) is sales manager.

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Plant Built on Compacted Earth Fill

The Longview Fibre Company's new Seattle plant, which took a year to building, contains 117,000 sq. ft. of floor space, with an additional 9500 sq. ft. for offices, lunch, and restrooms.

The entire building stands on compacted fill material.

Because the location originally had been the site of a shipyard and box factory, unsuitable material was excavated and replaced with soil compacted to specifications. After this, concrete piers were placed at 20-ft. centers east and west and 40-ft. centers north and south.

The concrete floor slab is 8 inches thick on the areas for heavy machinery and storage and 7 inches thick on other areas. Walls are 8-inch concrete blocks and the roof deck is 3-in. tongue-and-groove laid on laminated wood beams supported by 6-in. pipe columns to the concrete foundation piers. Shipping facilities include an inside rail loading dock long enough to handle five rail cars and a truck loading dock to handle eight trucks.

Raw material storage within the building includes an area for 3000 tons of board rolls of various widths and grades, 30 tons of adhesive materials, and nine tons of printing ink. Outside tank storage consists of a 14,000-gal. adhesive tank, 12,000-gal. fuel oil storage, and a 7500-gal. gasoline tank.

Steam power for the plant is supplied by a Babcock & Wilcox FM-26 boiler producing 10,500 lb. of steam per hour at 175 lb. per sq. in.

The primary machine is a Langston 85-in. corrugator designed to make corrugated container board of A, B and C flute construction at speeds up to 500 ft. per min. There are three Hooper two-color presses which print, slot and score

corrugated blanks up to 50 in. wide and 103 in. long. The joining department includes a 54x106-in. S and S full-folding automatic tape machine, a General semi-automatic tape machine and four Bostitch semi-automatic stitchers. In the interior pack department, there are three slitter-scorers, a 24x66 Hooper partition slotter and a 38x54 Thomson die cut press.

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